

**SECURED MICROPROCESSOR COMPRISING A SYSTEM FOR  
ALLOCATING RIGHTS TO LIBRARIES**

**Abstract of the Disclosure**

A secured microprocessor includes a rights allocation system for the allocation, to programs executable by the microprocessor, of permanent access  
5 rights to certain zones of the memory array of the microprocessor. The rights allocation system confers, on a sub-program shared by at least two programs, temporary rights of access to certain memory zones. The temporary rights are allocated when the sub-program  
10 is called by one of the programs as a function of the program calling the sub-program. The rights allocation system provides libraries in a secured microprocessor without harming the integrity of the rights conferred on programs using the libraries.